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3. JP-A 6-181972

Publication date: 1994-07-05

Inventor(s): SHINKAI MASAKAZU

Applicant(s):: KANEBO LTD

Requested Patent: JP6181972

Application Number: JP19920355981 19921218

IPC Classification: A61L9/01 ; A61K7/06

Abstract

PURPOSE: To provide a deodorant giving no harm to a human body and ensuring high efficiency for removing cigarette smell by causing the deodorant to contain a substance having a buffer function composed of organic acid and an alkaline metallic salt thereof, or inorganic acid and an alkaline metallic salt thereof, and further preparing the deodorant so as to have a specific pH value range.

CONSTITUTION: This deodorant contains a substance having a buffer function composed of organic acid and an alkaline metallic salt thereof, or inorganic acid and an alkaline metallic salt thereof, and prepared so as to have a pH value within the range of 3 to 7. In this case, the organic acid is tartaric acid, citric acid or the like, while the alkaline metallic salt is sodium tartrate, sodium citrate or the like. The inorganic acid is phosphoric acid or the like, and the alkaline metallic salt thereof is sodium hydrogenphosphate or the like. The buffer agent composed of such substances is preferably used in the form dissolved in water and a mixed solvent of water-ethanol, or the like. As a result, a cigarette smell deodorant having an excellent deodorizing effect and high safety can be provided.



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昭南平6-181972

WPI Acc No: 94-251740/199431

XRAM Acc No: C94-114412

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Deodorising malodour of tobacco, useful for cosmetics - by
using buffering material composed of (in)organic acid and alkali metal
salt

Patent Assignee: KANEBO LTD (KANE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 6181972	A	19940705	JP 92355981	A	19921218	A61L-009/01	199431 B

Priority Applications (No Type Date): JP 92355981 A 19921218

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

JP 6181972 A 4

Abstract (Basic): JP 6181972 A

Deodorising malodour of tobacco comprises using a substance having
a buffer power and is composed of an organic acid and alkali metal salt
thereof, or inorganic acid and alkali metal salt thereof.

USE - Used for cosmetics.

Dwg. 0/0

Title Terms: DEODORISE; MALODOROUS; TOBACCO; USEFUL; COSMETIC; BUFFER;
MATERIAL; COMPOSE; ORGANIC; ACID; ALKALI; METAL; SALT

Index Terms/Additional Words: INORGANIC

Derwent Class: D21; D22; E19; E37; P34

International Patent Class (Main): A61L-009/01

International Patent Class (Additional): A61K-007/06

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): D08-B; D09-B; E10-C04L; E33

Chemical Fragment Codes (M3):

#01* A100 A111 A960 C710 H401 H402 H481 H482 J0 J011 J012 J013 J1 J171
J172 J173 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223
M224 M225 M226 M231 M232 M233 M262 M280 M281 M312 M313 M320 M321
M332 M344 M349 M381 M391 M411 M416 M510 M520 M530 M540 M620 M630
M782 M903 M904 Q243 Q261 Q604 R00419-M R00540-M R90102-M
9431-B1901-M

#02* A100 A111 A940 B115 B701 B713 B720 B815 B831 C101 C108 C800 C802
C803 C804 C805 C807 M411 M782 M903 M904 Q243 Q261 Q604 R01711-M
9431-B1902-M

Derwent Registry Numbers: 0419-U; 0540-U; 1688-U; 1689-U; 1690-U; 1711-U

Specific Compound Numbers: R00419-M; R00540-M; R90102-M; R01711-M

Generic Compound Numbers: 9431-B1901-M; 9431-B1902-M

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(71)出願人 000000852

鐘紡株式会社

東京都墨田区墨田五丁目17番4号

(72)発明者 新開 正和

神奈川県小田原市寿町5丁目3番28号 鐘紡株式会社化粧品研究所内

(54)【発明の名称】 煙草臭消臭剤

(57)【要約】

【目的】 人体に使用しても安全な煙草臭消臭剤を提供することを目的とする。

【構成】 有機酸及びそのアルカリ金属塩、又は無機酸及びそのアルカリ金属塩からなる緩衝能を有する物質を含有し、pHが3～7であることを特徴とする煙草臭消臭剤。

(3)

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評価点	皮膚反応
0	変化なし
1	やや発赤が認められた
2	発赤が認められた
3	著しい発赤が認められた

*す。表 1 から明らかなように本発明の実施例 1-2 は比較例 1-4 に比べて消臭効果、安全性に優れていた。

【0018】

【表4】

【0016】

【表3】

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評価	毛髪の損傷度
○	損傷無し
○	軽度損傷
△	中度損傷
×	重度損傷

【0017】 実施例 1-2、比較例 1-4

表 4 に示す組成で消臭剤を製造し、評価結果を表 4 に示す * 20

	比較例 1	比較例 2	比較例 3	比較例 4	実施例 1	実施例 2
水	98.0	98.0	96.9	96.5	96.0	46.0
モノリン酸	—	—	—	—	—	50.0
リン酸	2.0	—	3.0	0.1	1.0	1.0
リン酸水素ナトリウム	—	2.0	0.1	3.0	3.0	3.0
pH	1.6	9.3	1.5	7.5	4.6	4.9
皮膚刺激	2.7	1.5	2.8	0	0	0
毛髪損傷	×	△	×	○	○	○
消臭効果	1.6	4.7	1.8	4.3	1.9	1.7

【0019】 実施例 3-4、比較例 5-6

表 5 に示す組成で消臭剤を製造し、評価結果を表 5 に示す。表 5 から明らかなように本発明の実施例 3-4 は比較

例 5-6 に比べて消臭効果、安全性に優れていた。

【0020】

【表5】